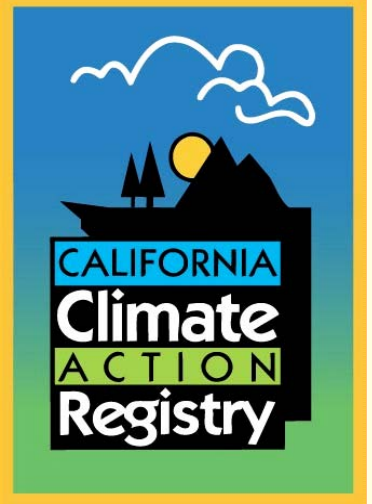


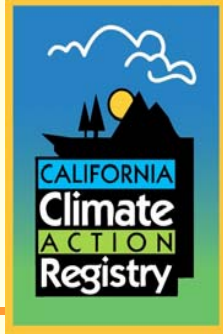
# California Climate Action Registry

EPA State & Local Climate Partners'  
Conference

November 22nd, 2002

Annapolis, MD





# Introduction

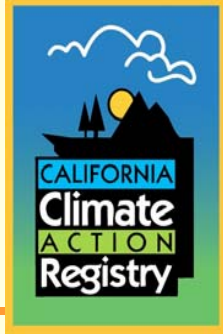
- Overview of the California Climate Action Registry
- Update of recent Registry activity
- Demonstrate the Climate Action Registry Reporting Online Tool (CARROT)
- Discuss future collaborations, opportunities, and challenges
  - Where can we come together?

# California Climate Action Registry



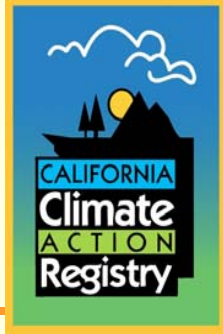
- Nonprofit organization created in 2001 by state legislation
- Voluntary GHG registry of 6 Kyoto gases (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFC, PFC, SF<sub>6</sub>)
- Technical partnership with California Energy Commission and Air Resources Board
- Annual entity-wide (CA or US) inventory reporting
- Direct & Indirect Emissions
- Third party certification

# California Registry Program



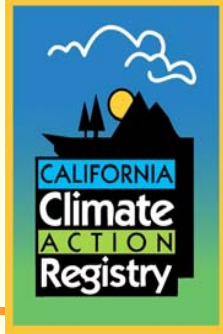
- Standardized GHG Reporting:
  - General Reporting Protocol
  - Industry Specific Protocols
  - Certification Protocol
  - CARROT: Climate Action Registry Reporting Online Tool
- “How-To” and “Best Practices” Workshops
- Policy Seminars
- Annual Conference
- Expert workgroups to further GHG science and accounting practices

*Voluntary partnerships for a better tomorrow*



# Charter Members

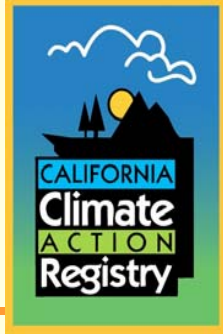
- Better World Group
- Bentley Prince Street
- BP
- Calif. Energy Commission
- Cal-EPA
- CCEEB
- City of Los Angeles
- City of Sacramento
- City of Santa Monica
- City of San Diego
- Clipper Windpower, Inc.
- COPEC
- Energy Foundation
- ICF Consulting
- InTex Services, Inc.
- L.A. Dept. of Water & Power
- NRDC
- NUMMI
- PG&E Corporation
- QUALCOMM
- SMUD
- Union of Concerned Scientists
- U.C.S.D.



# General Reporting Protocol

- Participant's User Manual for participation in the Registry
- Protocol Organization:
  - Part I: Introduction
  - Part II: What you should Report
  - Part III: Quantifying your Emissions
  - Part IV: Completing and Submitting your Emissions Report

# Emission Reporting Process



- Determine Geographic, Organizational, and Operational Boundaries
- Establish Emission Baseline (voluntary)
- Quantify Emissions
- Determine De Minimis Emissions
- Complete & Certify Annual GHG Emission Report

# The Certification Protocol



- Companion document to the General Reporting Protocol
- Users Manual for Approved Certifiers/Reference for Participants
- Outlines the certification process
- Describes certification activities
- Includes checklists and references
- Answers key questions



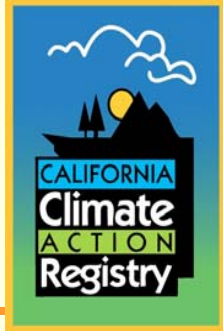
# Certification Principles

- Purpose: To provide an independent review of emission report to ensure it achieves a minimum quality standard (95% accuracy)
- Criteria:
  - Completeness
  - Consistency
  - Comparability
  - Accuracy
  - Transparency

# Certification Process

- Scope and plan certification activities
- Conduct the core certification activities:
  - Identify Emission Sources
  - Review Management Systems/Methodologies
  - Verify Emission Estimates
- Prepare Certification Report and Certification Opinion
- Submit authorized Certification Opinion to the Registry
- Retain proper records and documentation

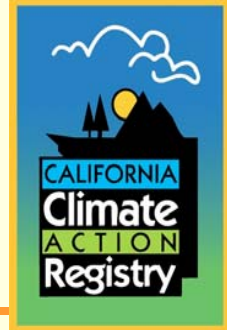
# CARROT



## Climate Action Registry Reporting On-line Tool

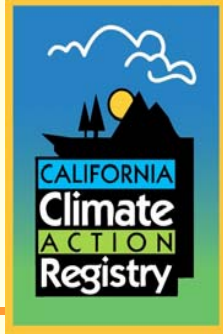
- Tool for multiple users:
  - Helps participants calculate and report annual GHG emissions
  - Allows certifiers to review standardized data
  - Enables Registry staff to track participant data
  - Permits the public to view aggregated reports
- Version 1.0: Designed by CH2M Hill
- Very attractive feature to many participants
- Other states and programs already expressing interest in using the CARROT

# Registry's Next Steps



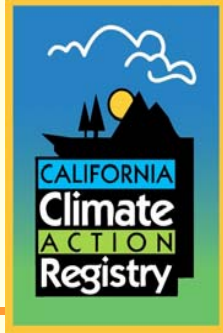
- Develop Industry Specific Protocols
- Provide member services
- Develop project level reporting
- Improve Protocols
- Enhance CARROT
- Continue to share and absorb GHG accounting and management information to ensure consistency

# How Can the States Work Together?



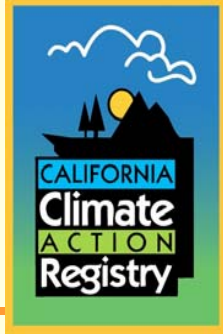
- Consistency is key!
  - Don't reinvent the wheel:
    - Use Registry Protocols, if applicable
    - Use the CARROT:
      - Create new state-specific user interface
      - Collaborate to develop future CARROT features
      - Lower shared costs to maintain and host CARROT
      - License the entire application
  - Work together on new protocols
- Voluntary partnerships for a better tomorrow*

# Collaboration (Cont.)



- “Road Test” the Certification Protocol and process....is this the right approach?
- Design data links/communication between registries to promote consistency and reduce reporting burdens
- Develop “least common denominator” reporting language across registries?

# Contact Information



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